

Title (en)
LED floodlight fixture

Title (de)
LED-Scheinwerferhalterung

Title (fr)
Accessoire d'éclairage à base de diodes DEL

Publication
EP 1906081 A1 20080402 (EN)

Application
EP 07019055 A 20070927

Priority
US 54190806 A 20060930

Abstract (en)
An LED floodlight fixture including a housing that forms a substantially water/air-tight chamber, electronic LED driver(s) within the chamber, and an LED assembly secured with respect to the housing adjacent thereto in non-water/air-tight condition, the LED assembly having at least one LED-array module mounted on an LED heat sink. In certain preferred embodiments the housing is a perimetrical structure such that the substantially water-tight chamber substantially surrounds the LED assembly.

IPC 8 full level
F21K 99/00 (2010.01)

CPC (source: EP US)
F21K 9/20 (2016.08 - EP US); **F21S 2/005** (2013.01 - EP US); **F21S 8/033** (2013.01 - EP US); **F21S 8/086** (2013.01 - EP US); **F21S 9/022** (2013.01 - EP US); **F21V 15/013** (2013.01 - US); **F21V 19/003** (2013.01 - EP US); **F21V 19/04** (2013.01 - EP US); **F21V 21/30** (2013.01 - EP US); **F21V 23/009** (2013.01 - US); **F21V 23/02** (2013.01 - EP US); **F21V 27/00** (2013.01 - EP US); **F21V 29/507** (2013.01 - US); **F21V 29/70** (2015.01 - EP US); **F21V 29/71** (2013.01 - EP US); **F21V 29/74** (2015.01 - US); **F21V 29/75** (2013.01 - EP US); **F21V 29/763** (2013.01 - EP US); **F21V 29/83** (2013.01 - EP US); **F21V 31/03** (2013.01 - EP US); **F21K 9/00** (2013.01 - EP US); **F21V 21/005** (2013.01 - EP US); **F21W 2131/10** (2013.01 - EP US); **F21W 2131/103** (2013.01 - EP US); **F21W 2131/40** (2013.01 - US); **F21Y 2105/10** (2016.08 - EP US); **F21Y 2115/10** (2016.08 - EP US); **Y10S 362/80** (2013.01 - EP US)

Citation (applicant)
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• WO 9957945 A1 19991111 - FIBER OPTIC DESIGNS INC [US]

Citation (search report)
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• [X] WO 9957945 A1 19991111 - FIBER OPTIC DESIGNS INC [US]
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• [A] EP 1431653 A2 20040623 - TOSHIMI KISHIMURA [JP], et al
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Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1906081 A1 20080402; **EP 1906081 B1 20110622**; AT E514031 T1 20110715; AU 2007221761 A1 20080417; AU 2007221761 B2 20140109; CA 2604564 A1 20080330; CA 2604564 C 20111115; EP 2206947 A2 20100714; EP 2206947 A3 20110817; EP 2206947 B1 20140312; EP 2211086 A2 20100728; EP 2211086 A3 20110817; EP 2211086 B1 20160106; ES 2367925 T3 20111110; ES 2455123 T3 20140414; MX 2007012068 A 20090212; NZ 562069 A 20090228; US 2008080196 A1 20080403; US 2010149809 A1 20100617; US 2012057348 A1 20120308; US 2014104835 A1 20140417; US 2015241051 A1 20150827; US 2016153649 A1 20160602; US 7686469 B2 20100330; US 8070306 B2 20111206; US 8425071 B2 20130423; US 9039223 B2 20150526; US 9261270 B2 20160216; US 9534775 B2 20170103

DOCDB simple family (application)
EP 07019055 A 20070927; AT 07019055 T 20070927; AU 2007221761 A 20070928; CA 2604564 A 20070927; EP 10161018 A 20070927; EP 10161021 A 20070927; ES 07019055 T 20070927; ES 10161018 T 20070927; MX 2007012068 A 20070928; NZ 56206907 A 20070928; US 201113294459 A 20111111; US 201313834525 A 20130315; US 201514708558 A 20150511; US 201615017971 A 20160208; US 62998609 A 20091203; US 86088707 A 20070925